

USE OF GRADIENT MIXTURES FOR SCREENING
AND OPTIMIZATION OF CATALYSTS FOR THE
PRODUCTION OF CONDENSATION POLYMERS

ABSTRACT

A method of making and screening an array of catalysts, said method comprising: (a) combining a first polymerization precursor material, a second polymerization precursor material and a first catalyst in a first region on a substrate; (b) combining a first polymerization precursor material, a second polymerization precursor material and a second catalyst in a second region on a substrate; (c) reacting the first and second polymerization material in said first and second regions; and (d) screening said first and second regions of said substrate for a measurable property or properties.